

[VIA SPACING VIOLATION CORRECTION METHOD, SYSTEM AND PROGRAM PRODUCT]

Abstract

A method, system and program product for correcting via spacing violations by generating a redundant via to replace one of a pair of vias that violate a ground rule, are disclosed. The redundant via corrects the ground rule violation. The target via corresponding to the redundant via is then removed, which corrects the ground rule violation. The invention can be applied to any spacing ground rule including same net and different net rules, and may also be applied to a current technology or, during migration, to a new technology. The invention can be applied to different levels of a design to ensure ground rule compliance throughout the design.